

Rabbit EIF5 Polyclonal Antibody | anti-EIF5 antibody

EIF5 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279752	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

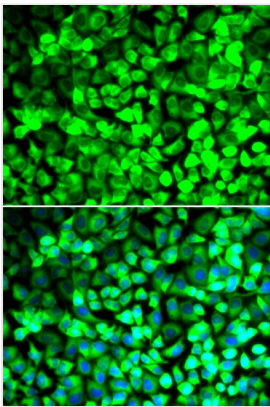
PRODUCT SYNONYMS

EIF5; Polyclonal Antibody; EIF5 Polyclonal Antibody; EIF-5; EIF-5A; anti-EIF5 antibody

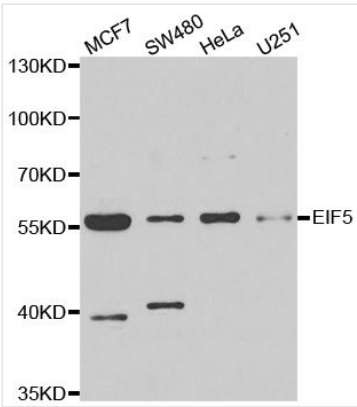
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	431
Applicable Applications for anti-EIF5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human EIF5
Calculated Molecular Weight	49kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using EIF5 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using EIF5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF5 antibody	Eukaryotic translation initiation factor-5 (EIF5) interacts with the 40S initiation complex to promote hydrolysis of bound GTP with concomitant joining of the 60S ribosomal subunit to the 40S initiation complex. The resulting functional 80S ribosomal initiation complex is then active in peptidyl transfer and chain elongations (summary by Si et al., 1996)
Product Categories/Family for anti-EIF5 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	27735202
NCBI GeneID	1983
UniProt Accession #	P55010; Q53XB3; Q9H5N2; Q9UG48
Molecular Weight	431
NCBI Official Full Name	Eukaryotic translation initiation factor 5
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 5
NCBI Official Symbol	EIF5
NCBI Official Synonym Symbols	EIF-5; EIF-5A
NCBI Protein Information	eukaryotic translation initiation factor 5
UniProt Protein Name	Eukaryotic translation initiation factor 5
UniProt Gene Name	EIF5
UniProt Synonym Gene Names	eIF-5
UniProt Entry Name	IF5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.